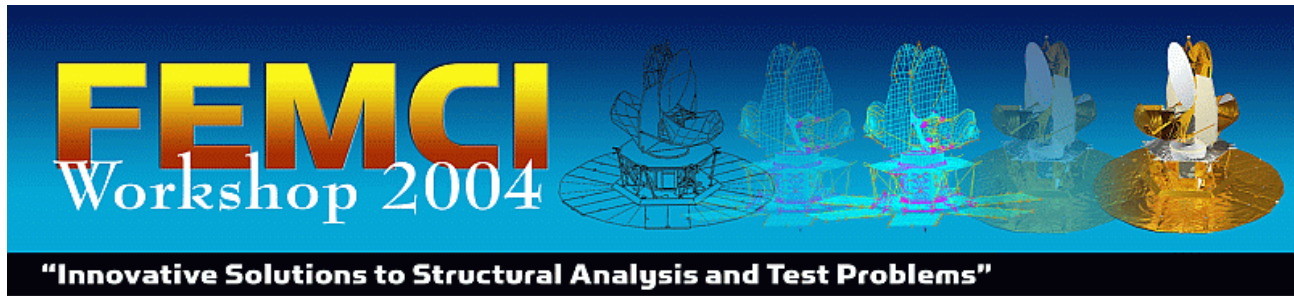


Call For Abstracts



Overview

The fifth FEMCI Workshop on Innovative Solutions to Structural Analysis and Test Problems will be held at NASA Goddard Space Flight Center on May 5-6, 2004. The event is hosted by the FEMCI (Finite Element Modeling Continuous Improvement) group from the Mechanical Systems Analysis and Simulation Branch (Code 542). The goals of the workshop are to bring together engineers from the aerospace community to discuss and exchange knowledge and experience in the fields of finite element modeling and structural mechanics and to establish a network among analysts. Previous workshops have involved over 100 engineers from government, industry, and academia and approximately 10 vendors. The emphasis of the workshop is on innovative solutions to challenging structural analysis problems encountered in aerospace hardware development and test programs. As in previous years, the workshop will feature an informal poster/vendor session and a full day of formal podium presentations featuring a keynote speaker.

Call for Abstracts

Abstracts are being solicited for presentations/posters that address topics in finite element modeling and structural mechanics that are new, innovative, or differ from established techniques. Topics include but are not limited to the following areas:

Ground test and/or space flight simulations
Innovative design solutions
Integrated modeling techniques
Model correlation
Multidisciplinary problems (thermal-structural-optical, controls-structures, etc.)
Nonlinear problems
Optimization
Structural dynamics

Prospective presenters are invited to submit brief abstracts (limited to 1 page including figures) to John Johnston at John.D.Johnston@nasa.gov. Abstracts are due no later than **March 19, 2004**. When submitting your abstract please include the following information: (1) title, (2) author names and affiliations, (3) primary author's postal address, e-mail address, and phone number, and (4) preference for podium presentation, poster session, or either. There are no limits on the number of poster session participants, and posters dealing with works in progress are encouraged. Also, there are no papers; however, an abstract book will be distributed at the workshop and an electronic proceedings will be posted on the website. Authors are encouraged to submit an electronic copy of their presentation (PowerPoint, Word, or Adobe portable document formats preferred) in advance of the workshop.

Further Information

Further information about the workshop and the FEMCI group can be found on the web at <http://femci.gsfc.nasa.gov/workshop>. All sessions will be held at the NASA GSFC Visitor Center. There is no cost to attend. Questions may also be addressed to the workshop coordinator: Jim Loughlin (James.P.Loughlin@nasa.gov, 301-286-6114). Please note the following dates:

March 19, 2004

April 2, 2004

May 5-6, 2004

Abstracts due

Notification of accepted abstracts for podium presentations

Workshop (Day 1: Poster session, Day 2: Podium presentations)

<http://femci.gsfc.nasa.gov/workshop>